

**FIG. 1**

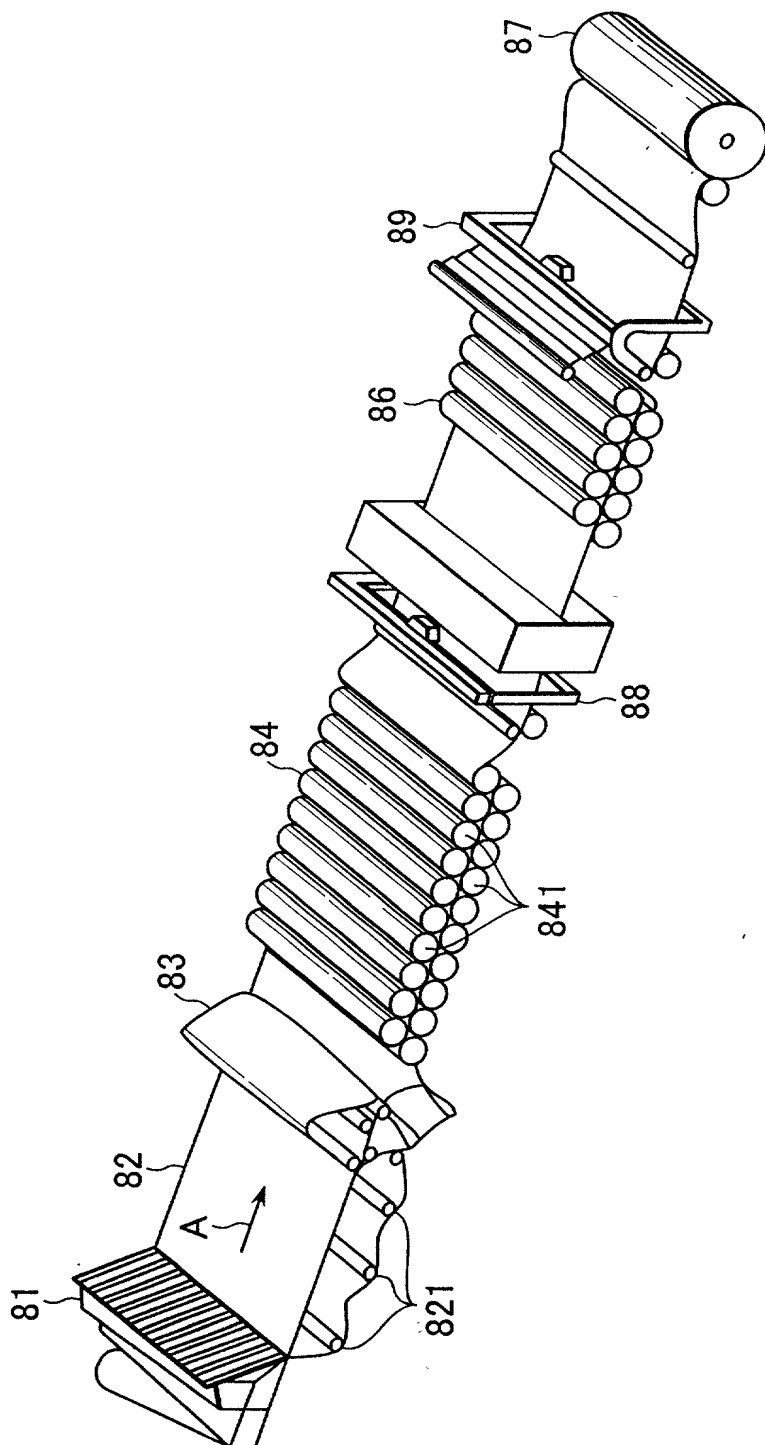


FIG.2

| <2-1>               | <2-2>            | <2-3>   | <2-4>                            | <2-5>                           |
|---------------------|------------------|---|----------------------------------|---------------------------------|
| Temperature<br>(°C) | Thickness<br>(m) | Heat-transfer<br>Coefficient<br>(kJ/(m <sup>2</sup> ·sec·°C)) | Specific<br>Heat<br>(kJ/(kg·°C)) | Density<br>(kg/m <sup>3</sup> ) |
| T <sub>a</sub>      |                  |   |                                  |                                 |
| T <sub>3</sub>      | L <sub>C</sub>   | h <sub>a</sub>  | C <sub>C</sub>                   | ρ <sub>C</sub>                  |
| T <sub>2</sub>      | L <sub>W</sub>   | h <sub>WC</sub>   | C <sub>W</sub>                   | ρ <sub>W</sub>                  |
| T <sub>1</sub>      | L <sub>D</sub>   | h <sub>DW</sub>   | C <sub>D</sub>                   | ρ <sub>D</sub>                  |
| T <sub>S</sub>      |                  | h <sub>S</sub>  |                                  |                                 |

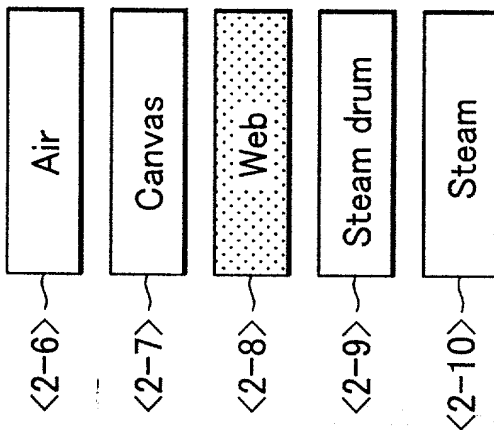


FIG.3

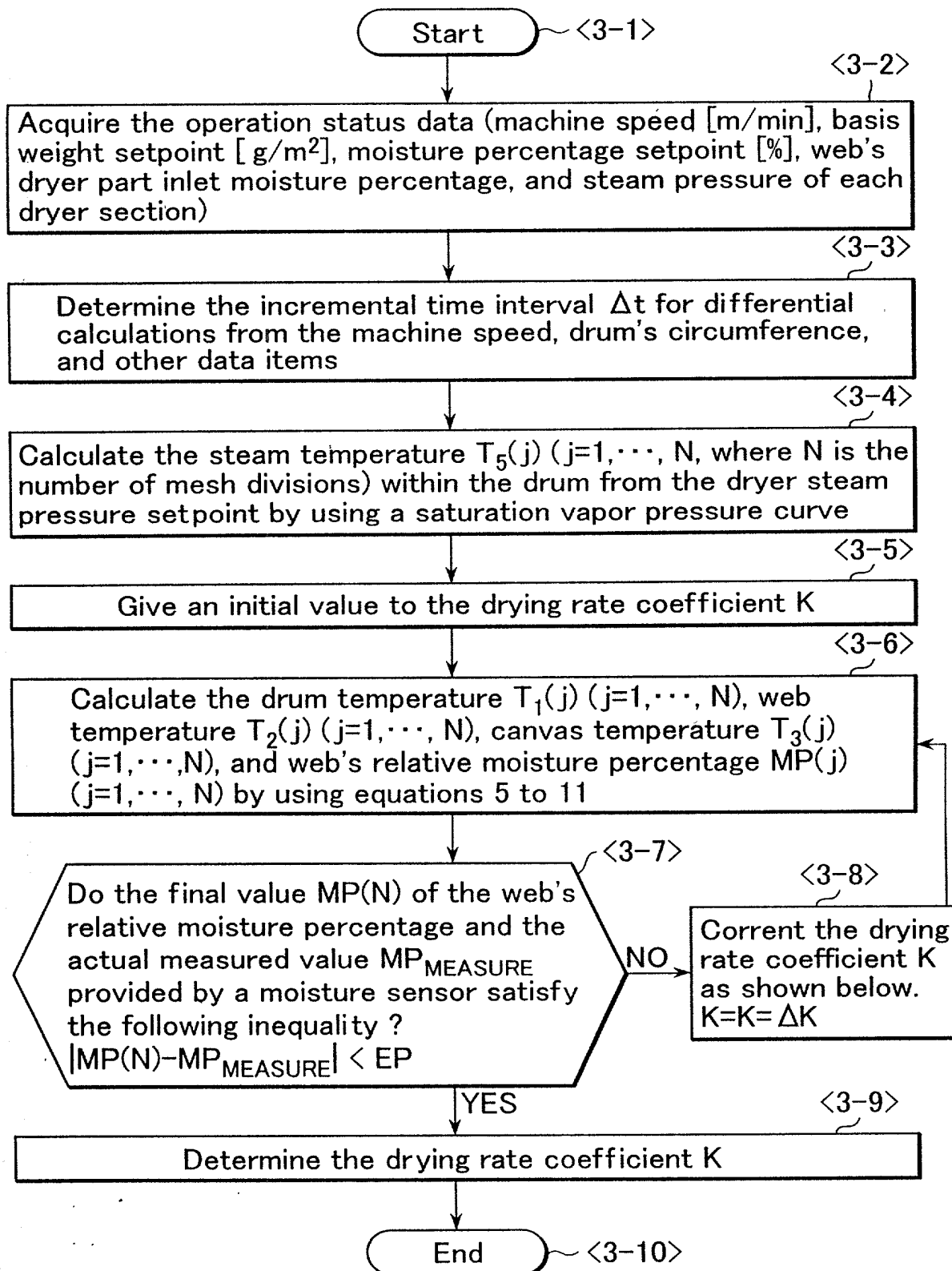


FIG.4

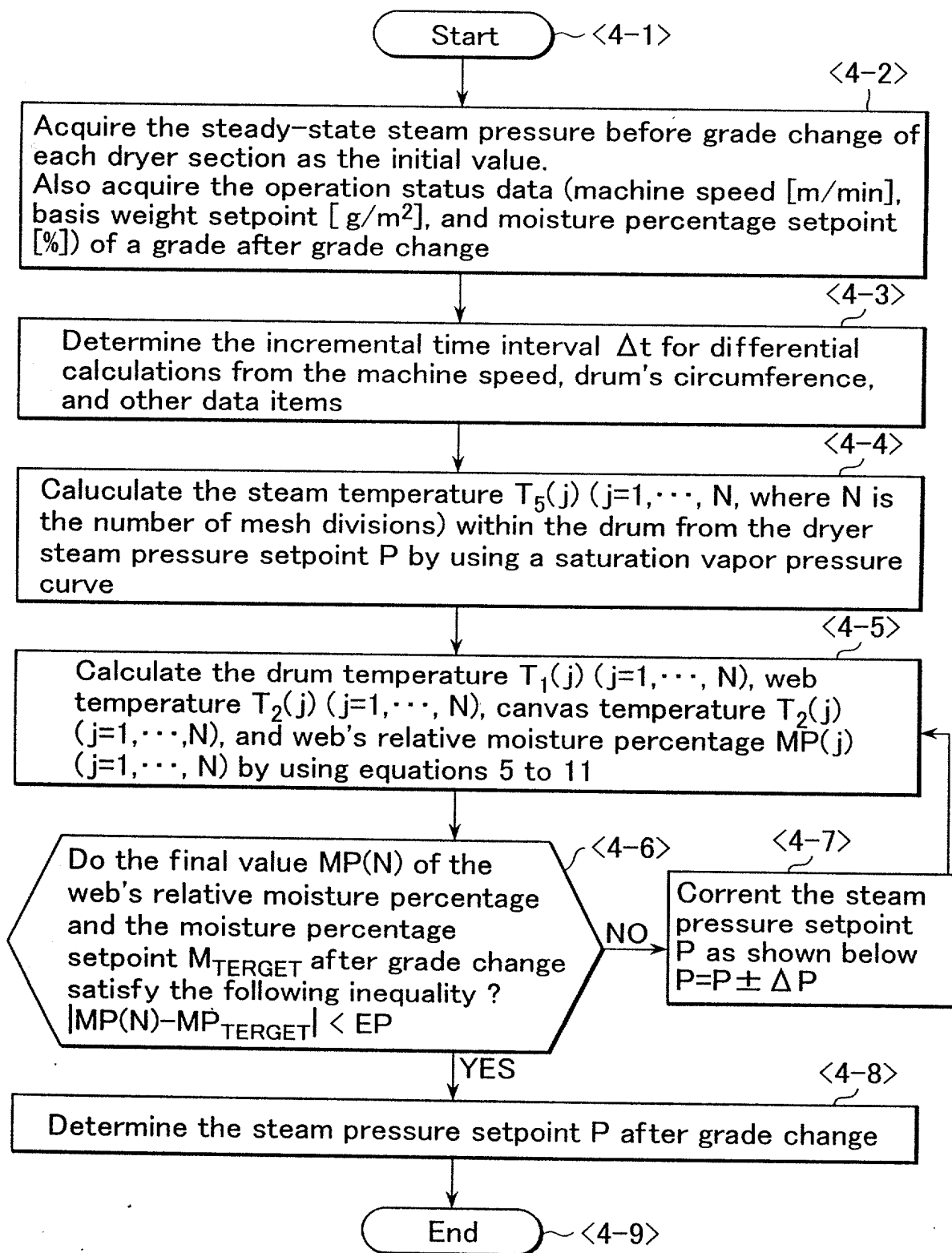


FIG.5

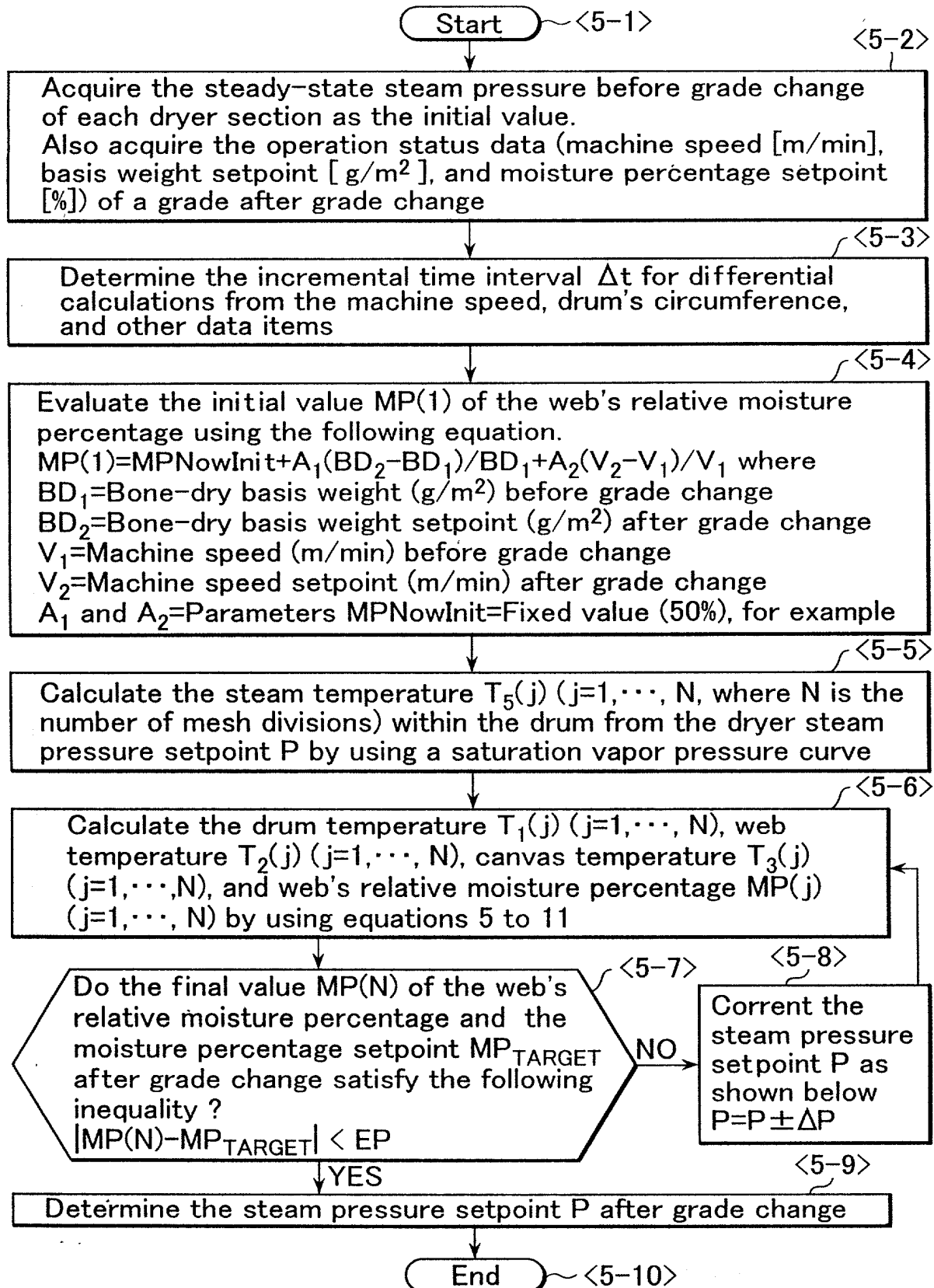


FIG.6

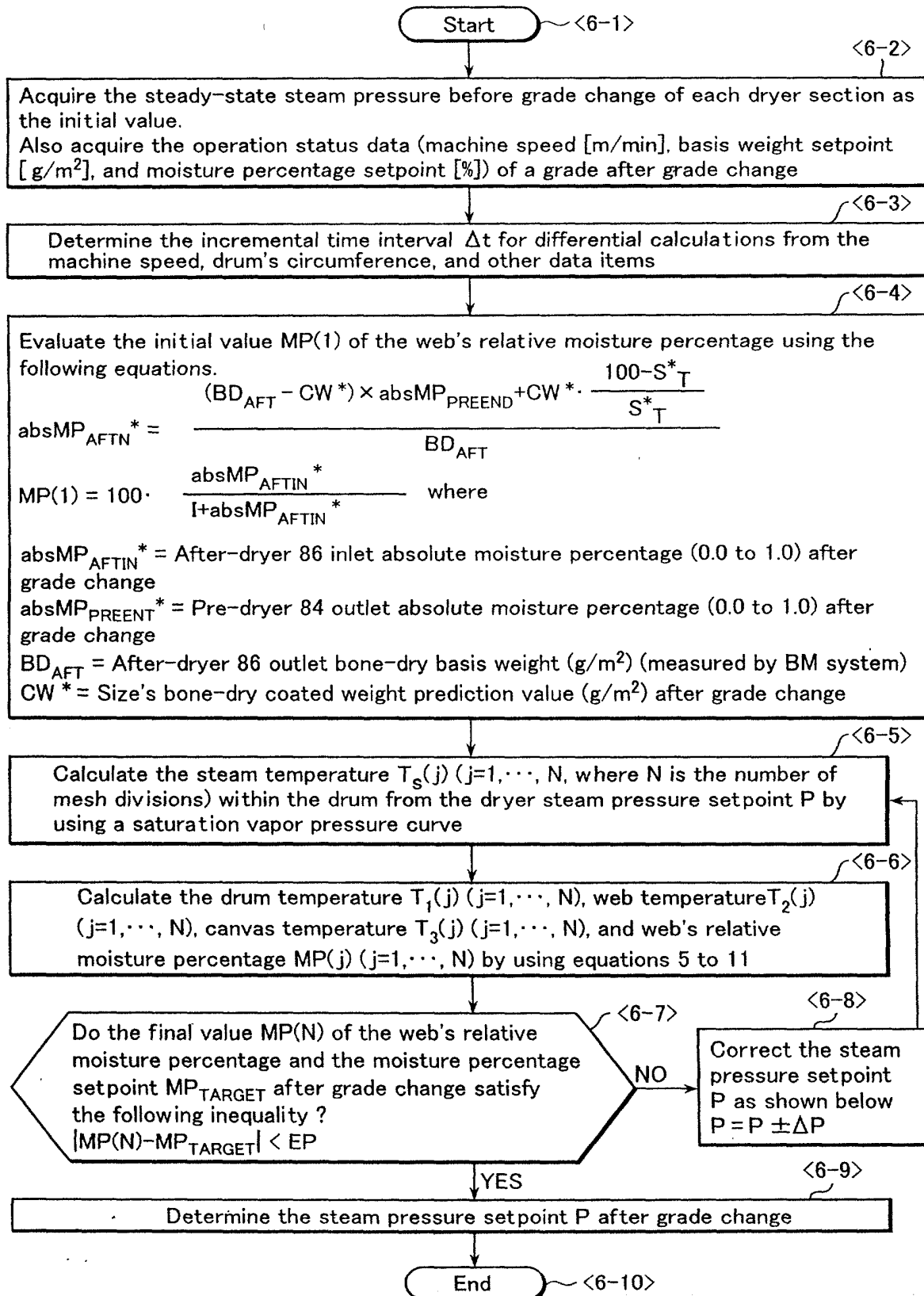


FIG.7

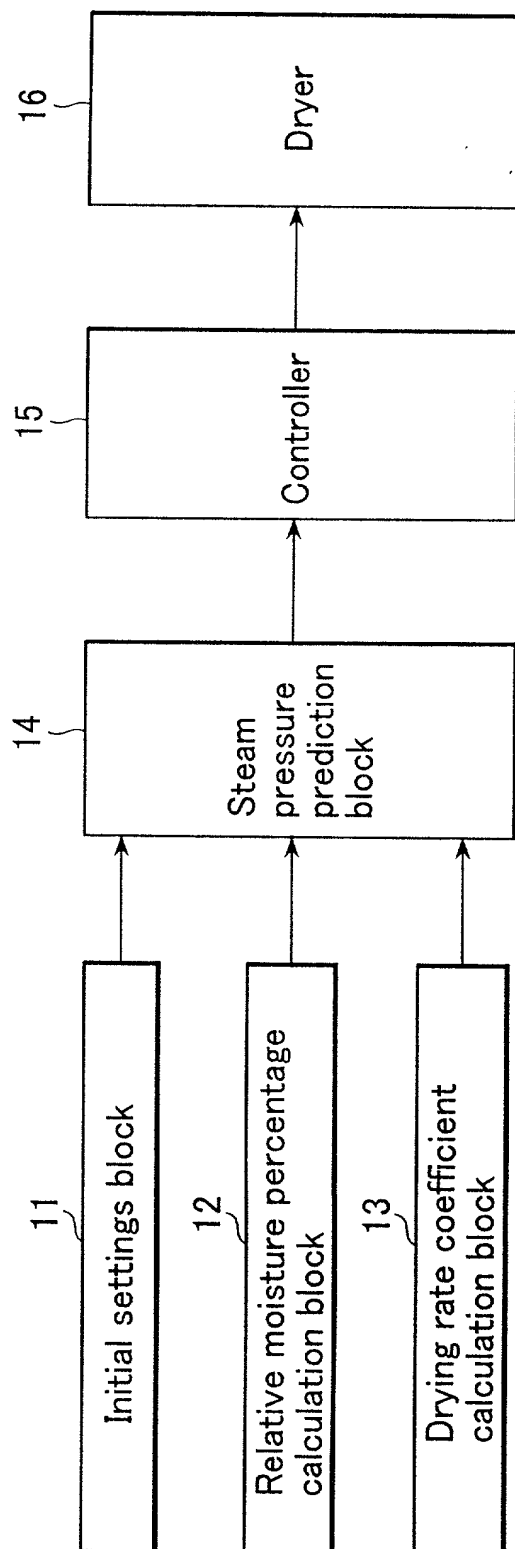


FIG.8

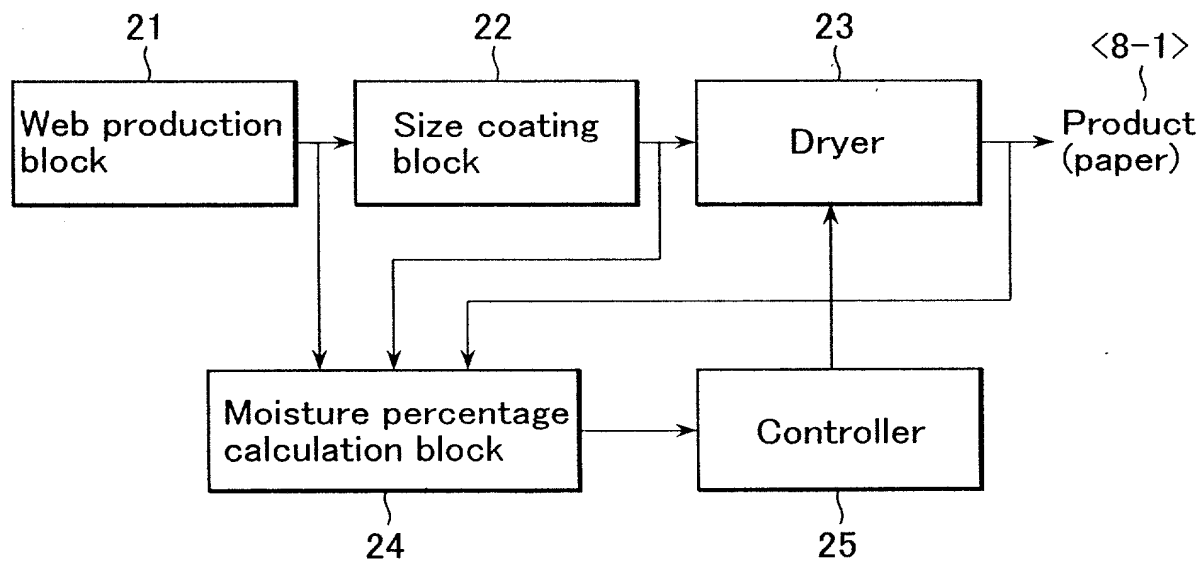


FIG.9

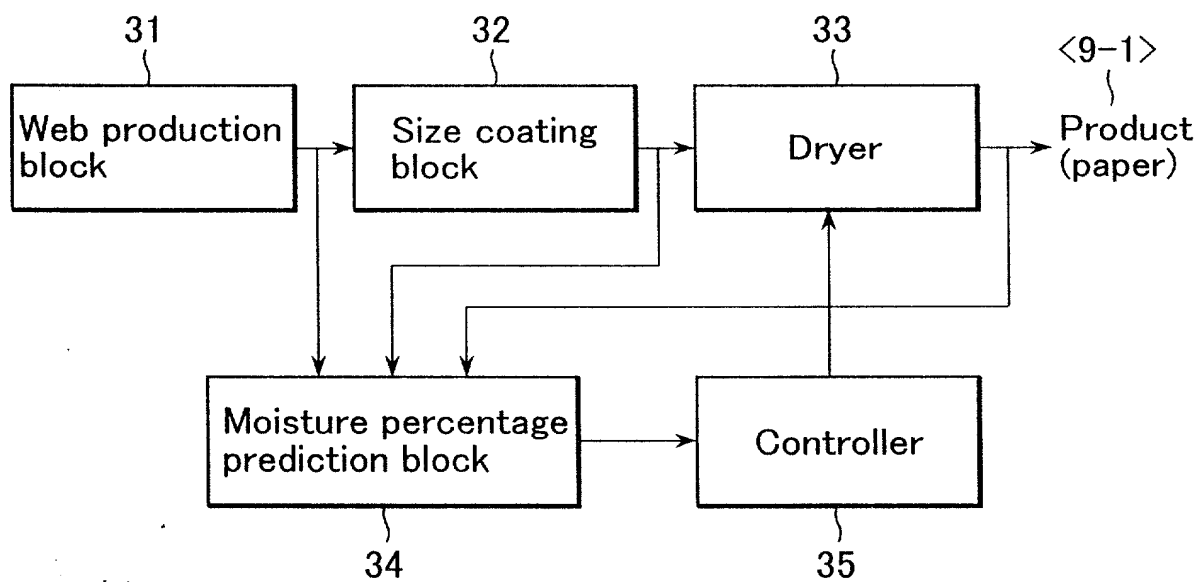




FIG.10

